

"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station #4 Bancal)

Submitted By: **Date Received:** Carmona Water District

Date of Sampling:

December 14, 2023

Time of Sampling:

December 14, 2023

Place of Sampling:

3:11 pm Carmoma, Cavite

Source of Sample:

Water Dietriet

Source of Sample.	V	vater District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	7.12	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO 3	mg/L	Colorimetric Brucine, US EPA 352.1	6.97	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.007	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	271	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Noted

EXTERNAL BOPY

Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740

Carlos B. Castromayor Engr.

Laboratory Manager PRC Reg. No. 18428

Engr. Ali M. Villamor General Manager

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Dominca Abogado)

Submitted By:

Carmona Water District

(Concessionaire)

Date Received:

December 14, 2023

Date of Sampling: Time of Sampling: December 14, 2023 3:13 pm

Place of Sampling:

Bancal Visaya Compounf

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.66	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No. 18428

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Engr. Ali M. Villamo General Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station #3 Bancal)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023 December 14, 2023

Time of Sampling:

3:37 pm

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	7.43	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	6.12	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.006	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	290	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

SAMPLE DESCRIPTION:

(Concessionaire)

Date Released: December 21, 2023

Submitted By:

Raw Water (Jocelyn Delica) Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

3:38 pm

Place of Sampling:

Bancal Abobot Road

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	- 1	4500-H+B.Electrometric Method	6.97	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association,

American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

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Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No. 18428

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station CBB-2)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

2:10 pm

Place of Sampling: Source of Sample:

Brgy. Cabilang Baybay, Carmoma, Cavite

Water District

		vi diei District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	7.17	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.36	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.14	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	328	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist PRC Reg. No. 0012740 Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

SAMPLE DESCRIPTION:

(Concessionaire)

Date Released: December 21, 2023

Submitted By:

Raw Water (Maribeth Ilao) Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

2:18 pm

Place of Sampling:

Brgy. Cabilang Baybay Carmona, Cavite

Source of Sample: Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.96	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association,

American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

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Approved by:

Engr.

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station #5 Bancal)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023

Time of Sampling:

December 14, 2023 3:23 pm

Place of Sampling:

Carmoma, Cavite

Source of Sample: Water District

Source of Sample.	V	water District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H ⁺ B.Electrometric Method	7.13	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO 3	mg/L	Colorimetric Brucine, US EPA 352.1	4.84	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	318	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Laboratory Chemist

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Engr. Carlos B. Castromayor Laboratory Manager

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Approved by:

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

(Concessionaire)

Date Released: December 21, 2023

RLA No.: CL 43764

SAMPLE DESCRIPTION:

Raw Water (Liza Villanoza)

Submitted By: **Date Received:** Carmona Water District December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

3:24 pm

Place of Sampling: Source of Sample:

Bancal Governor Drive

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H+B.Electrometric Method	6.93	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

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Certified by:

Joyen M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Carlos B. Castromayor Engr. Laboratory Manager

PRC Reg. No. 18428

Approved by:

Enor. Ali M. Xillamar General Manager

PRC Reg. No. 53000

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Mobile: 0939-902-9402 /0917-511-6073

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (P.S Cityland - 3)

Submitted By:

Carmona Water District December 14, 2023

Date Received: Date of Sampling:

December 14, 2023

Time of Sampling:

8:27 am

Place of Sampling: Source of Sample:

Carmona Cavite

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	7.23	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.18	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.006	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	312	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor

PRC Reg. No. 18428

Laboratory Manager

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> Engr. Ali M. Xillamou General Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Lazaro Pontanos)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

(Concessionaire)

Time of Sampling:

3:53 pm

Place of Sampling:

Blk 14 Lot 14 Grotitode st., Cityland Subd.,

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.96	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Engr. Carlos B. Castromayor

Approved by:

Laboratory Manager PRC Reg. No. 18428 Noted ly:

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Engr. Ali M. Villamor

General Manager PRC Reg. No. 53000

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Villa Sorteo)

Submitted By:

Carmona Water District December 14, 2023

Date Received: Date of Sampling:

December 14, 2023

Time of Sampling:

8:39 am

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

Source of Sample.	Y	vater District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical				2	
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	7.30	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	4.64	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.006	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	291	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor
Laboratory Manager

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Engr. Ali M. Villam r General Manager

Noted by:

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

SAMPLE DESCRIPTION:

(Concessionaire) Raw Water (Jose Mario) Date Released: December 21, 2023

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

8:46 am

Place of Sampling:

Blk 9 Lot 27 Villa Sorteo

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.97	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Noted

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Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Moises Carlo)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023

Time of Sampling:

December 14, 2023 3:52 pm

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical		,			the state of the s
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.99	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	6.17	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.008	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	252	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

Noted by

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Engr. Ali M. Villam General Manager

PRC Reg. No. 53000

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Mobile: 0939-902-9402 /0917-511-6073









"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

SAMPLE DESCRIPTION:

(Concessionaire)

Date Released: December 21, 2023

Submitted By:

Raw Water (Monte Carlo) Carmona Water District

Date Received:

December 14, 2023 December 14, 2023

Date of Sampling: Time of Sampling:

3:53 pm

Place of Sampling:

Blk 13 Lot 8 Carmona, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.92	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Noted by

EXTERNAL OGP V

Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

General Manager

PRC Reg. No. 53000

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Lantic)

Submitted By: Date Received:

Carmona Water District

Date of Sampling:

December 14, 2023 December 14, 2023

Time of Sampling:

11:15 am

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H ⁺ B.Electrometric Method	6.63	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.27	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.0001	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	380	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Engr. Carlos B. Castromayor

PRC Reg. No. 18428

Approved by:

Noted by:

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Engr. Ali M. Villa General Manage

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

(Concessionaire)

Submitted By:

Raw Water (Moreen Anola)

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling: Place of Sampling: 10:18 am Brgy. Lantic Carmona, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H+B.Electrometric Method	6.98	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Noted

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Mabuhay)

Submitted By: Date Received:

Carmona Water District December 14, 2023

Date of Sampling:

December 14, 2023 December 14, 2023

Time of Sampling:

10:45 am

Place of Sampling:

Carmoma, Cavite

Water District

Source of Sample.	V	vater district			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	7.13	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	6.25	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.0009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	314	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Engr. Carlos B. Castromayor

Approved by:

Laboratory Manager PRC Reg. No. 18428 Noted by

Engr. Ali M. Villa General Manage

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

(Concessionaire) Raw Water (Carolina Rogacion)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

10:37 am

Place of Sampling:

Brgy. Mabuhay, Carmona, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.88	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association,

American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Noted

EXTERNAL OOPY

Certified by:

Approved by:

Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740

Laboratory Manager PRC Reg. No. 18428

Engr. Carlos B. Castromayor

Engr. Ali M. Villamo General Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station CBB-1)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023 December 14, 2023

Time of Sampling:

2:01 pm

Place of Sampling:

Brgy. Cabilang Baybay, Carmoma, Cavite

Source of Sample:

Water District

cource of campie.	,	water District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H ⁺ B.Electrometric Method	7.23	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.20	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	334	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

gr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

Noted by

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Engrali M. Yalamar

General Manager PRC Reg. No. 53000

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Analisa Vergara)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023 December 14, 2023

(Concessionaire)

Date of Sampling: Time of Sampling:

2.20 nm

Place of Sampling:

10269 San Antonio St., Brgy. Cabilang Baybay Carmona Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.94	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740 Approved by:

Engr. Carlos B. Castromayor Zaboratory Manager

PRC Reg. No. 18428

Noted w:

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Engr. Ali M. Villamo General Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station #2 Bancal)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023

December 14, 2023

Time of Sampling:

4:12 pm

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

		77 4401 20101101			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	7.16	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	7.83	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.005	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	240	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No. 18428

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Engr. Ali M. Villam r General Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Adino Asuncion)

Submitted By:

Carmona Water District

Date Received:

Date of Sampling:

December 14, 2023 December 14, 2023

(Concessionaire)

Time of Sampling:

3:14 pm

Place of Sampling:

Bancal Abando Road

Source of Sample: Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					1 11001110
рН	-	4500-H* B.Electrometric Method	6.91	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Noted

Joven M. Maravilla, RCh Laboratory Chemist PRC Reg. No. 0012740

Carlos B. Castromayor Engr. aboratory Manager

PRC Reg. No. 18428

Engr. Ali M. Xillama General Manager

PRC Reg. No. 53000

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Maduya)

Submitted By:

Carmona Water District

Date Received: Date of Sampling:

December 14, 2023 December 14, 2023

Time of Sampling:

11:03 am

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	7.17	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	4.67	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	396	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

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Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

Noted by:

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Engr Ali M. Villam General Managel

PRC Reg. No. 53000

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Carmona Public Market Bldg.)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

(Concessionaire)

Time of Sampling:

1:28 pm

Place of Sampling:

Carmona, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.93	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Engr.

Noted

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PRC Reg. No. 18428

Carlos B. Castromayor

Engr. Ali M. Villamor General Manager

PRC Reg. No. 53000

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Mobile: 0939-902-9402 /0917-511-6073

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Milagrosa Homes)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: December 14, 2023

Time of Sampling:

December 14, 2023 11:03 am

Place of Sampling:

Carmoma, Cavite

Source of Sample:

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.72	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.57	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.0005	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	312	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Engr.

Noted by:

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Laboratory Manager PRC Reg. No. 18428

Carlos B. Castromayor

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E-Mail: cosmolab laboratories@yahoo.com Website: cosmolab-inc.webs.com







"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

(Concessionaire) Raw Water (Celia Montaya)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling:

10:55 am

Place of Sampling:

Milagrosa Homes, Carmona, Cavite

Source of Sample: Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.93	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

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Engr. Ali M. Villamon General Manager

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station CES)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

Time of Sampling: Place of Sampling:

1:54 pm

Source of Sample:

Brgy. 8 Carmoma, Cavite

Water District

The state of the s		Water District			
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					A CAST VALUE OF THE STREET
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					11100110
рН	, -	4500-H* B.Electrometric Method	7.17	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	5.17	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	337	600	PASSED
TO STILL A STATE OF					

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Approved by:

Noted by

Engr. Ali

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"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Angelito Dominguez)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

(Concessionaire)

Time of Sampling:

1:28 pm

Place of Sampling:

8221 Konseholes Brgy. 8 Carmona, Cavite

Source of Sample:

Water District

CONTROL BOARD BOX CONTROL CONT					
PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.74	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joyen M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

(MI)

Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No. 18428

Noted by

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

600

PASSED

Date Released: December 21, 2023

SAMPLE DESCRIPTION: Submitted By:

Raw Water (P.S Cityland - 1)

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling: Time of Sampling: December 14, 2023

Place of Sampling:

2:55 pm

Carmona Cavite Water District

Source of Sample:

PARAMETERS UNIT **METHOD of DETECTION** SPECIFICATIONS RESULTS REMARKS Physical Color TCU2021 B. Visual Comparison Method <2 5 TCU **PASSED** Chemical pH4500-H+ B.Electrometric Method 7.25 6.5-8.5 PASSED Chlorine Dioxide DPD Method / Spectrophotometric mg/L0.2 0.2-0.4 PASSED Nitrate as NO3 Colorimetric Brucine, US EPA 352.1 mg/L6.21 50 **PASSED** Arsenic 3111 B.Manual Hydride/AAS Method mg/L< 0.009 0.01 PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

Conductrimetric Method

REFERENCES:

Total Dissolved Solids

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

mg/L

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Approved by:

Engr.

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Carlos B. Castromayor Laboratory Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (CWD Main Bldg.)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling:

December 14, 2023

(Concessionaire)

Time of Sampling: Place of Sampling:

2:45 pm

Source of Sampling:

Brgy, Mabuhay

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	6.57	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.2	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

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Engr. Carlos B. Castromayor Zaboratory Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(Pump Station Villa Alegre)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023

Date of Sampling: Time of Sampling:

December 14, 2023

Place of Sampling:

10:28 am Carmoma, Cavite

Source of Sample:

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
pН	-	4500-H*B.Electrometric Method	7.14	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO 3	mg/L	Colorimetric Brucine, US EPA 352.1	6.50	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.008	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	362	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

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Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

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PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 43764

(Concessionaire)

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water (Danilo Montenejo)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023 December 14, 2023

Date of Sampling: Time of Sampling:

3:53 pm

Place of Sampling:

Villa Alegro Blk 10 Lot 32 Carmona, Cavite

Source of Sample:

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.20	5 NTU	PASSED
Chemical					
рН	-	4500-H*B.Electrometric Method	6.76	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Approved by:

Engr.

Carlos B. Castromayor

aboratory Manager PRC Reg. No. 18428

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Engr. Ali M. Xillamo

General Manager PRC Reg. No. 53000

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Certified by:

Joyen M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740









"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL43764

Date Released: December 21, 2023

SAMPLE DESCRIPTION:

Raw Water(CWD Water Refilling Station)

Submitted By:

Carmona Water District

Date Received:

December 14, 2023 December 14, 2023

Date of Sampling: Time of Sampling:

2:49 pm

Place of Sampling:

Brgy. Mabuhay, Carmona Cavite

Source of Sample:

Water District

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PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<2	5 TCU	PASSED
Chemical					
рН	-	4500-H ⁺ B.Electrometric Method	7.79	6.5-8.5	PASSED
Chlorine Dioxide	mg/L	DPD Method / Spectrophotometric	0.3	0.2-0.4	PASSED
Nitrate as NO ₃	mg/L	Colorimetric Brucine, US EPA 352.1	7.31	50	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Total Dissolved Solids	mg/L	Conductrimetric Method	24.4	600	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017

Certified by:

Joven M. Maravilla, RCh

Laboratory Chemist

PRC Reg. No. 0012740

Engr. Carlos B. Castromayor

Approved by:

Laboratory Manager

PRC Reg. No. 18428

Noted by

Engr. Ali M. Villa General Manage

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